

Abstract

An armor system is provided having an outer case of woven or unidirectional fibers filled with one or more protective materials. The outer case includes a pressure sensitive adhesive bonded to one side for quick and easy application to a body to be protected. The
5 protective materials may include ceramic material which may be in the form of ceramic tile sheets, loose ceramic balls, or perforated tiles, multiple layers of woven or unidirectional cloth, and steel mesh. These materials may be used alone or in any combination. A tensioned energy layer and/or a self-healing layer may be provided to fill a void created by a projectile.